

Western Sydney Region RTO 90221 **Regional Learning and Assessment Strategy**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **School……………………….** | | | Names of Teacher/s:Trainer/s:Assessor/s: | | Course commences: February 2012  Course concludes: September 2013 | | | | |
| Target qualification and code outcome from this course of training | | | **Certificate II in Agriculture (AHC20110)** | | | | | | |
| **Units of competency included in this course (Primary Industries, 240 hours, Livestock Stream). Students must achieve 17 units of competency.** | | | | | | | | | |
| **This course is drawn from** Agriculture, Horticulture and Conservation and Land Management Training Package **(AHC10)** | | | | **Qualification Rules: 2 core plus 15 elective units**  Core units  AHCOHS201A Participate in OHS processes  AHCWRK209A Participate in environmentally sustainable work practices  Elective units:   * **a minimum of seven (7) units must come from elective group A** * **a minimum of five (5) units must come from elective groups A or B** * **a maximum of three (3) units may be selected from units aligned to Certificates II or III in AHC10 or from any other currently endorsed training package or accredited course. Selected units must be relevant to job outcomes in agriculture.** | | | **HSC Rules:**  Mandatory: **5** Mandatory units (total of 120 HSC indicative hours)  Stream: **1** stream unit (Livestock Stream)  Elective Hours: **11** elective units of competency. **120 HSC indicative hours of elective units** of competency must be undertaken to meet the requirements of the **240 HSC indicative hours.** | | |
| **Mandatory** | **Code** | **Title** | | | | **HSC Hours** | | **Status for HSC** | **Status for Cert II** |
| AHCCHM201A | Apply chemicals under supervision | | | | 20 | | Mandatory | Elective – Group A |
| AHCOHS201A | Participate in OHS processes | | | | 20 | | Mandatory | Core |
| AHCWRK201A | Observe and report on weather | | | | 15 | | Mandatory | Elective – Group A |
| AHCWRK204A | Work effectively in the industry | | | | 20 | | Mandatory | Elective – Group A |
| AHCWRK209A | Participate in environmentally sustainable work practices | | | | 20 | | Mandatory | Core |
| **stream** |  |  | | | |  | |  |  |
| AHCLSK202A | Care for health and welfare of livestock | | | | 25 | | Mandatory | Elective – Group A |
|  | **TOTAL HSC HOURS Mandatory** | | | | **120** | |  |  |
| **elective** | AHCWRK205A | Participate in workplace communications | | | | 10 | | Elective | Elective – Group A |
| AHCMOM203A | Operate basic machinery and equipment | | | | 15 | | Elective | Elective – Group A |
| AHCLSK209A | Monitor water supplies | | | | 10 | | Elective | Elective – Group A |
| HLTFA201A | Provide basic emergency life support | | | | 15 | | Elective | Elective – Group A |
| AHCINF202A | Install, maintain and repair fencing | | | | 15 | | Elective | Elective – Group A |
| AHCMOM202A | Operate tractors | | | | 20 | | Elective | Elective – Group A |
| AHCLSK211A | Provide feed for livestock | | | | 15 | | Elective | Elective – Group A |
| AHCLSK204A | Carry out regular livestock observation | | | | 10 | | Elective | Elective – Group A |
| AHCLSK205A | Handle livestock using basic techniques | | | | 15 | | Elective | Elective – Group A |
| AHCWRK207A | Collect and record production data | | | | 10 | | Elective | Elective – Group A |
| AHCPMG201A | Treat weeds | | | | 10 | | Elective | Elective – Group A |
|  | **TOTAL HSC HRS Elective** | | | | **145** | |  |  |
| The following Elective Units can be swapped for any of the above. | | | | | | | | | |
|  | AHCPHT201A | Plant horticultural crops | | | | 20 | | Elective | Elective – Group B |
|  | AHCLSK201A | Muster and move livestock | | | | 15 | | Elective | Elective – Group A |
|  | AHCINF201A | Carry out basic electric fencing operations | | | | 15 | | Elective | Elective – Group A |
| **Notes on Course Structure** | | | | | | | | | |
| * The indicative hours in this LAS exceed the 240 HSC indicative hours, however there is significant opportunity to deliver units concurrently and embed the delivery into a more holistic teaching program. * A n outline of the Scope and Sequence is attached to allow for flexibility within schools. The Scope and Sequence will be dependent on which elective units are embedded into either HSC Mandatory units, taught as a separate unit or combined with other electives. | | | | | | | | | |

|  |  |
| --- | --- |
| **Target Audience** | |
| The clients for this course are senior secondary students who are undertaking this course as part of their School or Higher School Certificate.  The students may have varied previous experiences in related industry workplaces and in related areas of school and other studies. They will therefore bring a variety of background knowledge and skills to this course.  They may have chosen the course:   * to gain certificate qualifications leading to further study or employment in this industry * to gain skills to support their learning across other learning areas * to gain skills that will enhance general employment opportunities * to gain skills as part of a Life Skills program (for students with special learning needs)   There may be School-based Trainees or Apprentices, undertaking this course as all or part of the formal training component of their school-based traineeship or apprenticeship. A copy of the training plan outlining industry regulation and licensing requirements is held on site. | Are there School-based Trainees in the class? (🗹)  🞎 NO 🞎 YES  Are there School-based Apprentices in the class? (🗹)  🞎 NO 🞎 YES |
| Students with special education needs may require adjustments to learning and assessment strategies as well as additional time to demonstrate the required level of competence. Reasonable adjustment should be based upon the individual student’s needs and abilities. They may require extended time and additional support, both off the job and in the workplace.  Reasonable adjustments to delivery and assessment are appropriate provided they conform to the industry competency standards as expressed in the Training Package.  Specific provisions for these students include: | Are there students with special needs in the class? (🗹)  🞎 NO 🞎 YES |

|  |
| --- |
| **Consultation contributing to the development of this Learning and Assessment Strategy** |
| The training and assessment strategies developed for this program have been designed in consultation with practising VET **Primary Industries** teachers, Regional personnel and school VET coordinators.  Feedback is gained from participants at training and validation workshops, through feedback from industry following and during student workplacement.  Assessment strategies are also regularly reviewed following discussions with employers and industry RTOs, reviews of previously delivered courses, and as the Training Package is updated by service Skills Australia.  Teachers/assessors are required to complete and document industry engagement activities in order to keep abreast of industry developments. |

|  |
| --- |
| **Delivery and Assessment arrangements** |
| The course is delivered over two years and comprises **255-265** hrs of training over that period.  The course comprises face to face delivery and a minimum 70 hours of work placement in an industry that can provide experiences common to those included in the course structure. Delivery and assessment arrangements in the class room and workplace are set out in the Assessment Plan and Scope and Sequence.  Assessment evidence gathering techniques include practical tasks, folios of work, observation and questioning, written tests and workplacement.  It may be appropriate to include other delivery options from time to time such as distance education, video conferencing, online options, simulations and field visits. |

**Assessment Plan**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Competency codes** | **Title** | **ALL units AND elements of competency** **for the whole course (including the alternative course) are listed.** | Observation of practical work | Questioning during practical work | Teacher questioning | Folio of work | Observation of role play/oral presentation | Workplace Reporting | Self assessment | Knowledge from peer presentation | other | other |
| AHCCHM201A | Apply chemicals under supervision | 1. Check application and personal protective equipment 2. Prepare application equipment   3. Apply chemicals  4. Finalise work  5. Transport and handle chemical | √ | √ |  | √ | √ |  |  | √ |  |  |
| AHCOHS201A | **Participate in OHS processes** | 1. Follow workplace procedures for hazard identification and risk control  2. Observe safe practices during work operations  3. Participate in arrangements for maintaining health and safety of all people in the workplace | √ |  |  | √ |  |  |  |  |  |  |
| **AHCWRK201A** | **Observe and report on weather** | 1. Check weather and climate information  2. Carry out preventative action  3. Monitor weather and climate |  | √ |  | √ |  |  |  |  |  |  |
| **AHCWRK204A** | **Work effectively in the industry** | 1. Obtain information about the industry  2. Observe employment requirements  3. Accept responsibility for quality of own work  4. Plan and conduct own work  5. Promote workplace cooperation  6. Contribute to a productive work environment  7. Undertake an activity to workplace requirements |  |  |  | √ |  | √ | √ |  |  |  |
| **AHCWRK209A** | **Participate in environmentally sustainable work practices** | 1. Identify current resource use  2. Comply with environmental regulations  3. Seek opportunities to improve resource efficiency | √ |  | √ | √ |  |  |  |  |  |  |
| **AHCLSK202A** | **Care for health and welfare of livestock** | 1. Monitor and assess livestock health and welfare  2. Implement livestock health and welfare procedures  3. Administer drenches, vaccines and prescribed medicines to livestock  4. Prepare, maintain and store animal health equipment  5. Monitor treated livestock and maintain records | √ | √ |  | √ |  |  |  |  |  |  |
| **Competency codes** | **Title** | **ALL units AND elements of competency** **for the whole course (including the alternative course) are listed.** | Observation of practical work | Questioning during practical work | Teacher questioning | Folio of work | Observation of role play/oral presentation | Workplace Reporting | Self assessment | Knowledge from peer presentation | other | other |
| **AHCWRK205A** | **Participate in workplace communications** | 1. Follow routine spoken messages  2. Perform workplace duties following routine written notices  3. Obtain and provide information in response to workplace requirements  4. Complete relevant work-related documents  5. Participate in workplace meetings and discussion | √ | √ | √ |  |  |  |  |  |  |  |
| **AHCMOM203A** | **Operate basic machinery and equipment** | 1. Prepare basic machinery and equipment for use  2. Operate basic machinery and equipment  3. Check, clean and store basic machinery and equipment | √ |  |  |  |  |  | √ |  |  |  |
| **AHCLSK209A** | **Monitor water supplies** | 1. Monitor water supplies  2. Inspect and clear intake and outlet points  3. Operate water delivery equipment | √ |  | √ |  |  |  |  |  |  |  |
| HLTFA201A | Provide basic emergency life support | 1. Respond in an emergency situation 2. Apply identified first aid procedures 3. Communicate details of the incident 4. Evaluate own performance | √ |  |  |  |  | √ | √ | √ |  |  |
| **AHCINF202A** | **Install, maintain and repair fencing** | 1. Prepare for fencing work  2. Undertake fence installation  3. Maintain and repair fencing  4. Complete fencing work | √ | √ |  | √ |  |  |  |  |  |  |
| **AHCMOM202A** | **Operate tractors** | 1. Prepare tractor for operation  2. Operate tractor  3. Complete and check tractor operation | √ |  |  | √ |  |  |  | √ |  |  |
| **AHCLSK211A** | **Provide feed for livestock** | 1. Prepare for feeding  2. Feed livestock  3. Complete the feeding process | √ | √ |  |  |  |  |  |  |  |  |
|  | | | | | | | | | | | | |
|  | | | | | | | | | | | | |
| **Competency codes** | **Title** | **ALL units AND elements of competency** **for the whole course (including the alternative course) are listed.** | Observation of practical work | Questioning during practical work | Teacher questioning | Folio of work | Observation of role play/oral presentation | Workplace Reporting | Self assessment | Knowledge from peer presentation | other | other |
| **AHCLSK204A** | **Carry out regular livestock observation** | 1. Prepare to work with livestock 2. Carry out livestock checks 3. Deal with livestock emergencies 4. Provide veterinary procedure support | √ |  |  |  |  |  |  |  |  |  |
| **AHCLSK205A** | **Handle livestock using basic techniques** | 1. Prepare for handling livestock  2. Handle livestock  3. Complete handling procedure | √ |  |  |  |  |  | √ |  |  |  |
| **AHCWRK207A** | **Collect and record production data** | 1. Identify data to be collected 2. Record production data 3. Present and store production data |  |  |  | √ |  |  |  |  |  |  |
| **AHCPMG201A** | **Treat weeds** | 1. Prepare to treat weeds  2. Treat weeds  3. Carry out post treatment operation | √ |  | √ |  | √ |  |  | √ |  |  |
| ***ALTERNATIVE UNITS*** | | | | | | | | | | | | |
| **AHCPHT201A** | **Plant horticultural crops** | 1. Prepare for crop planting operations 2. Prepare the site and plant material for planting 3. Carry out planting operations | √ |  | √ |  |  |  |  |  | √ |  |
| **AHCLSK210A** | **Muster and move livestock** | 1. Prepare for muster  2. Carry out muster  3. Move livestock | √ | √ |  |  |  |  |  |  | √ |  |
| AHCINF201A | Carry out basic electric fencing operations | 1. Prepare for fencing operations  2. Carry out fencing operations  3. Complete fencing operation | √ | √ |  |  |  |  |  |  | √ |  |

|  |
| --- |
| **Infrastructure requirements** |
| Staff and/or students have access to the:   * industry Curriculum Implementation Guidelines (ICIG) which provides information on trainer qualifications and resource requirements * NSW Board of Studies syllabus documents and support package which provides information on packaging rules and resourcing. <http://training.gov.au/> * NSW DEC Vocational Education in Schools Directorate “quality management system” database which details authority to run, trainer qualifications and related delivery information and requirements * Western Sydney Region VET Wiki Page which provides version controlled documentation and links to relevant websites * Regional support personnel and resources. |

|  |
| --- |
| **Assessment validation process** |
| Validation strategies include standard materials, tools and processes, access to Regional networks and regular VET coordinator workshops to ensure consistency. The RTO has prepared an Assessment Validation Kit to support the validation processes in the region. Feedback is utilised to guide continuous improvement.  The process is monitored through internal audits.  Evidence includes Yes No   |  |  |  | | --- | --- | --- | | 1. Validation within the school site using peer assessors |  |  | | 2. Validation within the region using assessors from a different school |  |  | | 3. Validation across the region using assessors from a different ICF/ VET BEC/ Region/ RTO or industry representation. |  |  | |

|  |
| --- |
| **Pathways** |
| This qualification can be completed through a pathway as described in this strategy or alternatively options exist to gain recognition via prior learning.  All participants who gain this qualification can gain entry into higher levels of training. |

**Scope and Sequence**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 |
| Term 1 | Preliminary HSC components |  |  |  |  |  |  |  |  |  |  |
| Term 2 |  |  |  |  |  |  |  |  |  |  |
| Term 3 |  |  |  |  |  |  |  |  |  |  |
| Term 4 |  |  |  |  |  |  |  |  |  |  |
| Term 1 | HSC components |  |  |  |  |  |  |  |  |  |  |
| Term 2 |  |  |  |  |  |  |  |  |  |  |
| Term 3 |  |  |  |  |  |  |  |  |  |  |